Liver. musdes - feelal lusues. placenta, lestes brain while corpuration Glycofue C6 H10 O5 d. has hower forming it. Gly portion fliver. B. isolated it & save it the seame. - . Origin 1st. from carbo- by drates . amount is morened . & is (2) belong element of account fed in leave meant it is still fromed. (3) tals probably ust. Salumin's experiments. Rubblefed in Oliveril. To show its existence. Rubble ful fed in Standy food. a carrol. quality Killed. and the liver safuely excessed should put into body water I contained no segar but a while spalescent substru separated which had the reactions of starch. This he called gly. I he found it could read to converted into Sugar & the action of any deastable fer at the To the body the sty is readily conv. into shave attens is specied & with the blood or a special perment. B. has included I. I news 1st. Bernard whis school. The gly is during life constants conv. with glave a passed outs the blood of the hep verus suter the circulation passed the lings & many be oxed then but more willed gons out the arteries + on the capillaries is fully ora part in the newscles than them of fortal (2) or Pag & his school contend that convers of sty into sugar takes place to ren slight salent during life . My hold that the liver cells assured the the type gray in & that holds is converted into fat of the it is an intermed stage between sugar & fat. They derry that there is an essers for in behatic blood a say the quantity in ver . I art . To a much the same, whenever an invers of s. as in stress blood it haves flow time = diabetes in shows. In deabeles of P. holds that the around action of the liver does not take place

The flucore derived for the digistern passes directly through the ingum into the blood a appear withe urine . He adout however that some gly argeneric action takes places as with care of policit fed in leave meat. Bern holds that in diabeles the Sty is too safely converted into sugar the all osadized & here appears in the blood. I one thank that a lessened consumption of the sugar in the muscle may lead to an accumul. & consequent excretion of Kidneys Inf of her typlen of floor of 4th rent in Rat is purchant - area of vaso - motor-ont of mennos in a few hours. Our depend of feed of animal. Function is under the ruft of the medulla. The patter of this influence are down the cord this the lower cervical gang of sympathelic, the splanch t calear asis is also help branches. The priemegasters have no direct ruft, but if the central rud of the cut m. is stimulated sty as result. .. This inf is probably largel one of incremed flow of blood in the liver of relat Ifte verrely minared amont of ferment. Some thought it may be an inf in the

Then uses 11) Put for engl beneath as organ of timel . & of gen. seuration. (3) secrety + 24 conting offices (4) and in Keeping perfections, by it lack found primer. Must dirtinguit whener proper concluded . Wet an every print alle modefrer skin a de appendiges, Layers from without amonds. When certis spoken of = Epid & Com. Epidermin tomes a protoction for C vern. The know 1/240 - 1/12 for The kind when preminguated: Corium not uplace suy mus evergnal, from a out there the speak is smalled - fells up the depressions. I layers. Et. spile cutales and & rile more. all flatter all up dep women, despert layer, an when we from thembuyor armin cutual he next 3 m cells asserve a mon polygonal, margues from whol upper porte be an for myint cells ale cen Pigment, mor incliencelle Epidem as fine section from wary lines, under shew, ungul polys full cells 1/2 ove - 1/200 famuel , Indeeper porte like. as arend become mino men componered, what is way come Comme trugh. highly clash's layer, what comprised of ? is clar det at appear front alwant obliterated, lower part men ohen & introduled then a dislinguist ten fact : Electer plan com tierue corpusales sunf atten transparent valent. ment. Furrows of conune large a small fromes on floren friel talle on while the special in but flowers. Bette the shape an much smut divided . Esper when aut when sever must perfect as hand, Hour arranged & he hand in line from currelinear ridges, a in there in Caroble series. 1/100 in hand 116 m in five . Whiteen in rich flor , seen feer face at shoch Short of tapilla like the cor. Cor is vas seen lugs . while allen dealet in papella a dealer vaso ner papella, Invousal phones. It's may hapulle proded with cupillanio asa note only there with which as never rule. Isomes medent · non medull. Indes of termination Racement by

in taille enfuelle, in red butte a between the all the note mum. Pace brides, Tarlite cut mul comme loved lefor of land phalunges, of an oral form, near, same length as public, trais, the aparthus but ruch a med. h sules, simel would would to how and not known, End bullo, intuated at appear had of papello expende a coff motion a noto this a nifolios may be traced. I some have haved non medullate folis the the washe believe the layer ofther Lub cul com denelly antiquette comme compres of come ties a claude plans, course much work, fort a wentshould in als hein take ingen best I at called Padpor Lymphotic ales dublibed un ter plus unes The sland com with her place, when? have fuita onfer of body abrent. Possoles . on Lat numa propol menure vanel; when com with large hear foll 4-6 I sawed mund, her at print . taget a the dury home o in hem for illa . Fine structure Lehren itrely fluid or were - when fresh down fatty grandes orl despo phase ca a parante Entogone polher. In feetal life rome careova. orly matter deling alls another the cerumen slaws head mintike undefor slaw Ledepon glands. Small our books 1/6 for line in cleaning a culcul continue at it jund will C. vera . that Kund & Slund F. Corl is the gland long it part the due! who opens & a conduced someto oblique onfero. Largest an permeeum and a nepple ax ella layet when windles 1/4 inch. 1/200 in breath. Cool currents for barewest ment a dog feel somether flattened in from Belian Une colo. Muscle cello intridealro Capillanio Dut haves up a this corner itraight when it im believe

populie unitakes askeral course no of spirals depending in thickness fifed. France 2- sovo upslim of hunds a. 1258 porhead cheeks 548 , Inten no 2/2m I each unravilled 1/16 inch whole 21/3 mil. Internal 28 00 in Douch the lindy, I will that me. of 28 mm by Sweat. a water flies, besides this & hat a included, Leurible & uneverthe, latter constant. Much amon of recention same as in other gland cells the active agents. Level cler colombes and pecul ordon audity due to volable and acetic bulga a formie where or etanding . In cops weating only that fut. maller. falty matters chiefly for cet glands , also unea a chang an idl che of na. to vor. a real and endoric or hyporter a rid wentain prements. The una is we must seen 14 flotal which a much mor in hiding offedown In desease able a whorm maltiralis found hugantly vanes, about lbs 2. - about half that amountly lungs. Vary corumnila. all who quinten the constatur as you of the clothery. Many motion. - the depring if augment mutuals, tent four + Is bygometer audition. Els. une & cut coul & more went is reparated. Dry air mexame it dump and names it. Cold dumerhe. In high temps & moretin event is thopped, but I had goes on Said med warm drinks I which batter, weal westing uniteres our tors in weight very considerable in an hour. 3 lbs in pening . Would lemp come they 2-4lb & men in gas works in a hour, Local flhin and hidy an coffeeneday, he ald walle so. Certain - amont of Co a some of also about 1/3 to Alland for longs, or 1/100 king wer from to get med of cupl water & Keep down temp (2) review as med, for him of affel maller. Taking the from wine leve. Input. of her found put mund covered . Ty die . helager annual foul a pere ig wiche leff new but in smaller. Bereaff death for wheat of Co- in explicit . het must and down a temps of body for of temps maintained deall does

but naver, Hair & mails. modely of whilever than ofthe Follicle a lub. deforms. 1-3 how long deepf into subsublishers and on by blu d of bother a when , I open there layer for I wall 246 Johnes, 3. connect two arrang trace a musula . 3 churturla anden with bases of come at both feat apapella a projection comed. made of of com time michi verel penel. Hair met two investments (Waxt. not sheet able don by up baren & comp or who the boller Holl made of Japethel cells (2) and not cher . Haller cells - she of theme which adher four to and a mind for the ke unf Alle hem. Her shaft is eigher oute for certain and is medulle, it is only found in some hemis. Color on where are of their waters winds the whole of of hour, cell flall a verbie unbre on de for below upon in the not their check is coffe a kin a trusty should have in fel fort then whe are but and film for cells doing a flatt with tright from a some of will beginent. Rg. vanes pol the to high gills with the In the out the file bearn short as app the papella o der to. medulla on a chart leff han Mead o mit . 1/2 - 1/3 feler shen ; made up of muled May cell. The count growth his in air tun Pap her i for & count pand o melain. howall musual fole from Align for his way Than, he old aga figur aluf when bleaker wer as production o my keep up moderals for the en in the permen a apillo . hails with body ofred good. and - jugs. 1/4 of length body mutt ghe must & long line brunda behind, Remedle - the matio, who is the com much the weather a seemb. his to on der beller lugar. Der upor can & felle up is the who muces & earl will the countage in Thing thong luga - the hue nail adder to who muse. It we Twith lake then & could gall gall below the It of

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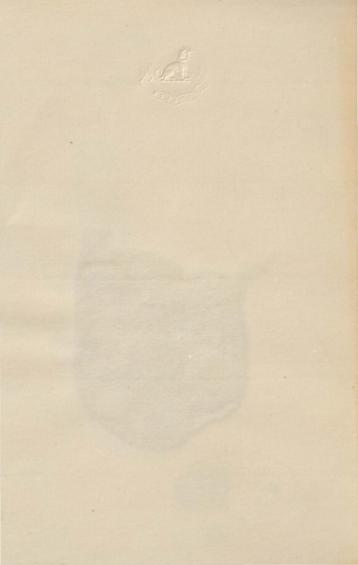
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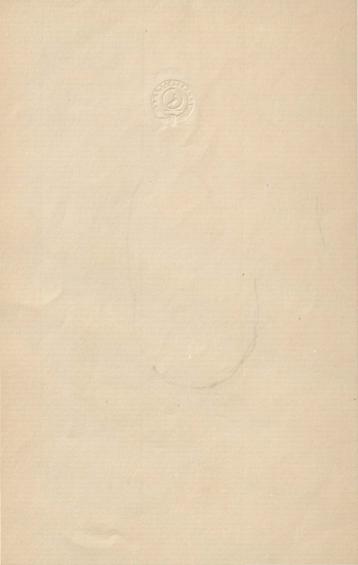












This is my lecture port polio with the last of standards in the last class to which I lectured at me fill. The rule was to call the roll one a week, but as the list about this was not always carned out. For the first feer years I wrote into and read may lectures. I am away no why has been sead may lectures. I am all in leaving thintoest. Then I got into the habit of lecturing from slips two grows in glycogen.

We other in glycogen.

## PETER BENT BRIGHAM HOSPITAL

JOSEPH B. HOWLAND, M. D.

721 HUNTINGTON AVENUE

SURGEON-IN-CHIEF

HENRY A. CHRISTIAN, M. D.

BOSTON 17. MASS.

S. BURT WOLBACH, M. D.

PATHOLOGIST

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free p. 224

This is the wissing 'slip for the SKIN lecture, belonging in the portfolio, # 7666 g, I find & lot for 10 years. I find it today in a "Orliname" file among the Cushing papers, #8303; H.C. evident Honger of wains it as an 'climate for the Life.

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br. 0's Leture Portflio with list of students in last class to which he bestured at negill & note about his lectures written at Exfed during the war.

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